Index of Claims

| App | lication | /Contr | ol No. |
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10/091,311

KAPLAN, DIEGO

Reexamination

Applicant(s)/Patent under

Examiner

Art Unit

Lan-Dai Thi Truong

2152

Rejected Allowed

(Through numeral) Cancelled

Non-Elected N

**Appeal** 

Restricted

0 Interference Objected

| Cla      | Claim Date |  |          |   | Claim                               |  |          | Date           |                  |          |          |          |          |                |          | [        | Cla      | aim      | Date     |          |          |          |   |       |            |          |          |           |          |          |                    |          |          |          |
|----------|------------|--|----------|---|-------------------------------------|--|----------|----------------|------------------|----------|----------|----------|----------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|---|-------|------------|----------|----------|-----------|----------|----------|--------------------|----------|----------|----------|
|          | <u>a</u>   | 7  |          |   |                                     |  |          |                |                  |          |          |          | <u> </u> |                |          |          |          |          |          |          |          |          |   |       | at         |          | T        |           |          |          |                    |          |          | ٦        |
| Final    | Original   | 4/27/07  |          |   |                                     |  | ł        |                |                  |          | - 1      | Final    | Original |                |          |          |          | l        |          |          |          |          |   | Final | Original   |          |          |           |          | ı        |                    | -        |          | - 1      |
| i ii     | ō          | 4/2  |          |   |                                     |  |          | İ              |                  |          | - 1      | ᄪ        | Ö        |                |          |          | ĺ        |          |          |          |          |          |   | 正     | Öğ         |          |          |           |          |          |                    |          |          | - 1      |
|          |            | _  |          | _ | <u> </u>                            | L_   | ļ        | _              | <u> </u>         | Н        | <u> </u> |          |          | Ш              | Щ        |          | _        | _        | $\dashv$ | -        | _        | 4        | ı |       |            |          | 4        | _         | 4        | _        | 4                  | $\perp$  | 4        | ᆜ        |
| <u> </u> | 1          |  | $\vdash$ |   | L                                   | ┡  | <b>.</b> | <u> </u>       |                  | $\dashv$ | _        |          | 51       |                | Щ        | Н        |          |          | -        | 4        | 4        | 4        |   |       | 101        | _        | 4        | $\dashv$  | 4        | _        | 4                  | $\perp$  | $\dashv$ | _        |
|          | 2          | =  | 1        |   | <u> </u>                            | ├  | ┢        | ├              | <u> </u>         |          | <u> </u> |          | 52       |                | -        |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┥        | · |       | 102        |          | $\dashv$ | 4         | 4        | _        | -                  | -        | 4        | $\dashv$ |
|          | 3 -        |  |          |   | $\vdash$                            | <del>                                     </del> | ├-       | <del>  -</del> | -                | Н        | -        | $\dashv$ | 53<br>54 | -              | $\vdash$ |          |          | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | ŀ |       | 103<br>104 | -        |          | +         | +        | +        | $\dashv$           | +        | +        |          |
| $\vdash$ | 5          |  |          |   | -                                   | -  | ┢        | ⊢              | ⊢                | Н        | -        | -        | 55       | $\vdash$       | Н        |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | ┽        | $\dashv$ | ŀ |       | 105        | -        | +        | $\dashv$  | ┥        | -        | $\dashv$           | +        | +        | $\dashv$ |
| -        | 6          |  | -        | — | ┝                                   | ├─   | ┢        | ├─             | -                | $\vdash$ | -        |          | 56       | Н              | -        | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ŀ |       | 106        |          | +        | +         | $\dashv$ | $\dashv$ | $\dashv$           | +        | +        | ᅱ        |
| h        | 7          | =  | -        |   | H                                   | $\vdash$   | ╁        | t              |                  | Н        | ┢        |          | 57       |                | Н        |          | _        |          |          | -+       | +        | $\dashv$ | ŀ |       | 107        | -        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$           | $\dashv$ | +        | ᅱ        |
|          | 8          |  | Ţ        |   |                                     | $\vdash$   | ऻ        | 1              | -                | H        | ⊢        |          | 58       |                |          |          | $\neg$   | _        |          | $\dashv$ | $\dashv$ | $\dashv$ | Ì | -     | 108        | $\dashv$ | -        | $\dashv$  | +        | $\dashv$ | $\dashv$           | $\dashv$ | $\dashv$ | ㅓ        |
|          | 9          | _  |          |   |                                     | Т  | ▎        | $\vdash$       |                  | $\neg$   |          |          | 59       |                |          |          |          | 寸        | ヿ        | 寸        | $\dashv$ | $\neg$   | ı |       | 109        | $\neg$   | 寸        | $\dashv$  | 7        | 十        | $\dashv$           | $\dashv$ | 十        | ヿ        |
|          | 10         | $\vdash$   |          |   |                                     |  | П        | Г              | Г                |          |          |          | 60       |                |          |          |          | T        |          |          | $\neg$   | ╗        | ı |       | 110        | 寸        | 寸        | $\dashv$  | 7        | $\dashv$ | $\neg$             | 寸        | 十        | ヿ        |
|          | 11         | 1  |          |   |                                     |  |          |                |                  |          |          |          | 61       |                |          |          |          |          |          |          |          |          |   |       | 111        |          |          |           | T        | $\neg$   | $\neg$             | T        | T        | П        |
|          | 12         | 1  |          |   |                                     |  |          |                |                  |          |          |          | 62       |                |          |          |          |          |          | $\Box$   | $\Box$   |          |   |       | 112        |          |          | $\Box$    | $\Box$   |          | $oxed{oxed}$       |          | $\Box$   |          |
| L        | 13         | 1  |          |   | $oxed{\Box}$                        | _  | 1        |                | $ldsymbol{oxed}$ | Ш        |          |          | 63       |                | Ш        |          | _]       |          |          |          | _[       |          |   |       | 113        | $\Box$   | $\bot$   | $\bot$    | $\Box$   | $\prod$  | $\perp$            | $\Box$   | $\perp$  |          |
| <u></u>  | 14         | V  |          |   | L_                                  | <u> </u>   | Ŀ        | L.             | <u>_</u>         | Ш        | _        | _        | 64       | Ш              | Ш        |          | _        | _        | _        | _        | _        | _        | ļ |       | 114        | _        | _        | $\perp$   | $\bot$   | _        | $\perp$            | _[       | $\perp$  | $\Box$   |
|          | 15         | 1  | Щ        | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $\vdash$   | <u> </u> | _              | <u> </u>         | Ш        | L        |          | 65       | <u> </u>       | Ш        |          |          |          | _        | $\dashv$ | 4        | _        | - |       | 115        | _        | 4        | _         | 4        | _        | _                  | 4        | 4        | ᅵ        |
|          | 16         | 1  | Н        |   | $\vdash$                            | ⊢  | ⊢        | ⊢              | ┡                | Щ        | -        |          | 66       |                |          | $\Box$   | -        | _        | -        | _        | -        | 4        | ŀ |       | 116        |          | 4        | 4         | 4        | _        | 4                  | 4        | +        | ᅴ        |
|          | 17<br>18   | 7  | -        | _ | _                                   | ⊢  | ├        | ├              | -                | $\dashv$ | $\vdash$ |          | 67<br>68 |                | -        | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | -        | $\dashv$ | H |       | 117        | -        | +        | +         | 4        | -        | $\dashv$           | +        | +        | ᅴ        |
|          | 19         | 7  |          | _ | -                                   |  | ├        | ├              | -                | $\dashv$ | -        |          | 69       | -              | Н        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ŀ |       | 118<br>119 |          | $\dashv$ | +         | +        | $\dashv$ | -                  | -+       | +        | ᅴ        |
| -        | 20         | 1  |          | _ | $\vdash$                            | <del> </del>                                     | ┢        | $\vdash$       | $\vdash$         | Н        | -        |          | 70       |                | $\dashv$ | -        | -        | -        | ᅱ        | $\dashv$ | -        | $\dashv$ | ŀ |       | 120        | -        | $\dashv$ | $\dashv$  | $\dashv$ | +        | -                  | -        | ┿        | $\dashv$ |
| -        | 21         | 1  | _        | _ |                                     |  | $\vdash$ | ├-             | -                | $\dashv$ | ⊢        |          | 71       | Н              | $\vdash$ | $\vdash$ | $\dashv$ | ╛        | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | ŀ |       | 121        | -        | $\dashv$ | +         | $\dashv$ | +        | +                  | +        | +        | $\dashv$ |
| <u> </u> | 22         | 1  |          | _ | -                                   | $\vdash$   | ╁        | $\vdash$       | ┢                | Н        | ⊢        | $\dashv$ | 72       | Н              | Н        |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | ŀ |       | 122        | $\dashv$ | -        | $\dashv$  | +        | $\dashv$ | +                  | +        | +        | ᅱ        |
|          | 23         | 1  |          |   |                                     |  |          |                |                  | Ħ        |          |          | 73       | Н              |          |          | _        | $\neg$   |          | $\dashv$ | $\neg$   | $\neg$   | ı |       | 123        | _        | 十        | _         | 7        | 十        | +                  | 十        | 十        | ᅥ        |
|          | 24         | 1  |          |   |                                     |  | <b>†</b> |                |                  | П        |          |          | 74       |                |          |          | コ        |          | $\neg$   | $\neg$   | $\dashv$ | ┪        | ı |       | 124        |          | 十        | $\neg$    | 7        | 寸        | +                  | _        | 十        | ヿ        |
|          | 25         | 1  |          |   |                                     |  | Ì        |                | Г                |          |          |          | 75       |                |          |          |          |          |          | $\neg$   |          |          | Ì |       | 125        |          | $\neg$   | $\dashv$  | 7        | ヿ        | 寸                  | 十        | 十        | ヿ        |
|          | 26         | 1  |          |   |                                     |  |          |                |                  |          |          |          | 76       |                |          |          |          |          |          |          |          |          | Ī |       | 126        | $\neg$   | 丁        | $\exists$ | $\neg$   |          | 丁                  | ヿ        | 寸        | コ        |
|          | 27         | 1  |          |   |                                     |  |          |                |                  |          |          |          | 77       |                |          |          |          |          |          | $\Box$   | $\Box$   |          | [ |       | 127        |          |          |           |          |          |                    |          | $\Box$   | $\Box$   |
|          | 28         | 1  |          |   |                                     | _  | _        | L              | _                | Ш        | L        |          | 78       |                |          |          |          |          |          | $\Box$   |          |          |   |       | 128        |          |          |           |          | $\perp$  |                    |          |          |          |
| <u></u>  | 29         | 1  |          |   | <u> </u>                            |  |          | _              | <u> </u>         | Ш        | L        |          | 79       | Ш              |          |          |          | _        | _        | _        | _        | _        | ļ |       | 129        | $\dashv$ | _        | _         | _        |          | _                  |          | _        | _        |
|          | 30         | 1  |          |   | L                                   | L  | <u> </u> | ┡              | <u> </u>         | Ц        | -        | _        | 80       | _              |          |          | _        | _        | _        | 4        | _        | _        | ļ |       | 130        | _        | _        | $\dashv$  | 4        | 4        | 4                  | 4        | 4        | 4        |
|          | 31         | _  | _        | _ |                                     | <u> </u>   | ├_       | ├_             | <u> </u>         | Н        | $\vdash$ |          | 81       | Ш              |          |          | _        | $\dashv$ | _        | 4        | $\dashv$ | _        | ļ |       | 131        |          | 4        | +         | 4        | 4        | 4                  | 4        | 4        |          |
| $\vdash$ | 32<br>33   | $\vdash$   | -        | _ | $\vdash$                            | ⊢  | $\vdash$ | $\vdash$       | -                | $\vdash$ | -        |          | 82<br>83 | $\vdash\vdash$ | ш        | -        | -        |          |          | -        | -        | $\dashv$ | ļ |       | 132<br>133 | -        | +        | +         | $\dashv$ | $\dashv$ | +                  | +        | +        | $\dashv$ |
| -        | 34         |  | -        | _ | -                                   | -  | ├        | $\vdash$       | $\vdash$         | $\dashv$ | $\vdash$ |          | 84       | $\vdash$       | $\vdash$ | $\vdash$ | _        |          |          | -        | $\dashv$ | $\dashv$ | } |       | 134        | -        | $\dashv$ | $\dashv$  | ┥        | $\dashv$ | $\dashv$           | +        | +        | $\dashv$ |
| $\vdash$ | 35         |  |          |   | $\vdash$                            | H  | $\vdash$ | $\vdash$       | $\vdash$         | $\dashv$ | -        |          | 85       | $\vdash$       | $\vdash$ |          |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | ŀ | -     | 135        |          | $\dashv$ | $\dashv$  | +        | $\dashv$ | $\dashv$           | $\dashv$ | $\dashv$ | ᅱ        |
|          | 36         |  |          | _ |                                     |  |          | $\vdash$       |                  | $\dashv$ |          |          | 86       | Н              | Н        | $\vdash$ | $\neg$   | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | ŀ |       | 136        | $\dashv$ | _        | $\dashv$  | +        | $\dashv$ | 十                  | $\dashv$ | 十        | ㅓ        |
| <u> </u> | 37         |  |          |   |                                     | T  |          | $\vdash$       | _                | Н        |          |          | 87       | П              | П        | $\vdash$ | $\neg$   | $\dashv$ | 一        | $\dashv$ | 十        | $\neg$   | - |       | 137        |          | $\dashv$ | 十         | $\dashv$ | -        | $\dashv$           | $\dashv$ | $\dashv$ | ㅓ        |
|          | 38         |  |          |   |                                     |  |          |                | Π                |          |          |          | 88       |                |          |          |          | $\Box$   |          |          | T        |          |   |       | 138        |          | $\dashv$ | 1         | 7        | $\dashv$ | $\top$             | $\dashv$ | $\dashv$ | ㅓ        |
|          | 39         |  |          |   |                                     |  |          |                |                  |          |          |          | 89       |                |          |          |          |          |          | $\Box$   |          |          | j |       | 139        |          |          |           |          |          |                    | $\Box$   | 丁        | ╛        |
|          | 40         |  |          |   |                                     |  |          |                |                  |          |          |          | 90       |                |          |          |          |          |          |          |          |          |   |       | 140        |          | $\Box$   |           |          |          |                    |          | $\Box$   |          |
| <u> </u> | 41         |  |          |   |                                     |  |          | $\Box$         | $\sqsubseteq$    |          |          |          | 91       |                |          |          |          | $\Box$   |          | $\Box$   | $\prod$  |          |   |       | 141        |          | $\Box$   | $\Box$    | $\prod$  | $\Box$   | $oldsymbol{\perp}$ | $\Box$   | $\perp$  |          |
| <u></u>  | 42         |  | Щ        |   | <u> </u>                            | <u> </u>   | _        | $\perp$        | Щ                | Ш        | L        |          | 92       | L              | Ш        | Ш        |          |          |          | $\perp$  |          | _        | Į |       | 142        | [        | _        |           | ot       | $\perp$  | $\perp$            |          | $\bot$   | ╝        |
| <u></u>  | 43         |  | _        |   | <u> </u>                            | _  | <u> </u> | <u> </u>       |                  | Щ        | <u> </u> |          | 93       |                |          |          | _        | _        | _        | _        | _        | _        | ļ |       | 143        |          | _        |           | _ļ       |          | 4                  |          | $\dashv$ | 4        |
| <u> </u> | 44         |  | _        |   | <u> </u>                            | <b> </b> _                                       |          | -              | <b> </b>         | Н        | -        | _        | 94       | Н              | _        | $\sqcup$ | _        | _        | _        | 4        |          | 4        | ļ |       | 144        |          | _        | _         | 4        | 4        | 4                  | _        | 4        | 4        |
| $\vdash$ | 45         | H  | L        |   | <u> </u>                            | ├-   | $\vdash$ | $\vdash$       | <del> </del> —   | Н        | -        | _        | 95       | $\vdash$       | Ш        | $\vdash$ |          | -        | $\dashv$ | $\dashv$ |          | -        | ļ |       | 145        |          | 4        |           | 4        |          | 4                  | $\dashv$ | $\dashv$ | 4        |
| <u> </u> | 46<br>47   | $\vdash$   | H        |   | $\vdash$                            | ⊢  | ├        | ├              | <del> </del>     | Н        | -        |          | 96<br>97 | H              | Н        | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | - |       | 146<br>147 | -        | 4        |           | $\dashv$ | $\dashv$ | $\dashv$           |          | +        | $\dashv$ |
| <b>-</b> | 48         | <del>                                     </del> | $\vdash$ | _ | $\vdash$                            | ┢  | $\vdash$ | -              |                  | Н        | $\vdash$ |          | 98       | $\vdash$       | Н        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | } |       | 147        | $\vdash$ | $\dashv$ | +         | $\dashv$ | -        | $\dashv$           | $\dashv$ | +        | $\dashv$ |
| <u> </u> | 49         |  | -        | _ | ├                                   | $\vdash$   | 1        | $\vdash$       | $\vdash$         | Н        | -        | _        | 99       | -              | H        | $\vdash$ | $\dashv$ | $\dashv$ |          | -+       | $\dashv$ | $\dashv$ | } |       | 149        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | -        | +                  | +        | +        | $\dashv$ |
|          | 50         |  | H        |   | <del> </del>                        | -  | 1-       | t              | $\vdash$         | H        | $\vdash$ | _        | 100      | $\vdash$       | H        | $\vdash$ | -        | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 1 |       | 150        | -        | $\dashv$ | +         | $\dashv$ |          | $\dashv$           | $\dashv$ | +        | ㅓ        |
|          | , 55       |  | _        | _ | Щ.                                  |  |          |                | l                | لـــا    | _        |          | .55      | ш.             |          | ш        |          |          |          |          |          |          | ι |       | .,,,,      |          |          |           |          |          |                    |          |          | _        |